



Patent  
Attorney Docket No. 019519-420

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Atsuhiko OHKAWA et al.

Application No.: 10/801,662

Filing Date: March 17, 2004

Title: RETARDATION FILM AND COMPOUND

Group Art Unit: 2871

Examiner: Unassigned

Confirmation No.: 3309

**FIRST  
INFORMATION DISCLOSURE STATEMENT  
TRANSMITTAL LETTER**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is a FIRST Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of an IDS is required.
- ☐ The fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ A statement under 37 C.F.R. § 1.97(e), and the fee of \$180.00 (1806) as set forth in 37 C.F.R. § 1.17(p) are also enclosed.
- ☐ Charge \_\_\_\_\_ to Deposit Account No. 02-4800 for the fee due.
- ☐ A check in the amount of \_\_\_\_\_ is enclosed for the fee due.
- ☐ Charge \_\_\_\_\_ to credit card. Form PTO-2038 is attached.

The Director is hereby authorized to charge any appropriate fees under 37 C.F.R. §§ 1.16, 1.17 and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

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By

Roger H. Lee

Registration No. 46,317

Date: June 22, 2004



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In re Patent Application of	)	
Atsuhiro OHKAWA et al.	)	Group Art Unit: 2871
Application No.: 10/801,662	)	Examiner: Unassigned
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For: RETARDATION FILM AND	)	
COMPOUND	)	

**FIRST INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98.

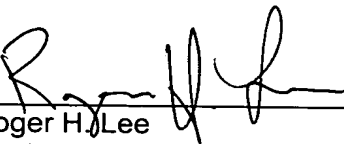
JP-A-2001-166147 and JP-A-8-327822 are cited on the attached form PTO-1449. Such documents are discussed in the specification at pages 2 and 3.

To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date June 22, 2004

By:   
\_\_\_\_\_  
Roger H. Lee  
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# **FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

1

**Complete if Known**

<b>Application Number</b>	10/801,662
<b>Filing Date</b>	March 17, 2004
<b>First Named Inventor</b>	Atsuhiro OHKAWA et al.
<b>Examiner Name</b>	Unassigned
<b>Attorney Docket Number</b>	019519-420

JUN 22 2004

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Eng. Search Report	Eng. IPR	Abstract	Cited in Spec
	2001-166147	A	Japan	06-22-2001						X	X
	8-327822	A	Japan	12-13-1996						X	X

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	SANJAY K. VARSHNEY ET AL., "Novel Liquid-Crystalline Mercury Acetylide Complexes", Mol. Cryst. Liq. Cryst., 2001, pgs. 55-65, Vol. 357, Overseas Publishers Association N.V., Malaysia
	SANDEEP KUMAR ET AL., "Design and Synthesis of Discotic Nematic Liquid Crystals", Organic Letters, 2002, pgs. 157-159, Vol.4, No. 2, American Chemical Society
	SANDEEP KUMAR ET AL., "Novel Hexasubstituted Triphenylene Discotic Liquid Crystals Having Three Different Types of Peripheral Substituent", Liquid Crystals, 2002, pgs. 899-906, Vol. 29, No. 7, Taylor & Francis Ltd.

Examiner Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.  
VA 196428.1